

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9313	29/825,827.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/12 09:03
L2	39	1 and (tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/12 09:04
L3	0	2 and (boat with (substrate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/12 09:04
L4	0	2 and ((prevent\$3 with (coiling or bowing or warping)) same ((printed near circuit) or (integrated near circuit) or substrate))	EPO; JPO	OR	ON	2006/04/12 09:05
L5	2	1 and ((prevent\$3 with (coiling or bowing or warping)) same ((printed near circuit) or (integrated near circuit) or substrate))	EPO; JPO	OR	ON	2006/04/12 09:06
L6	1653	174/52.4.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/12 09:06
L7	3	2 and 6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/12 09:06
L8	11	("20020090749"   "20020093080"   "3795043"   "4480975"   "4746548"   "4915057"   "5751556"   "5828224"   "5854741"   "6037026"   "6111324").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 09:07
S1	7144	29/592.1,831,832,846.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:14
S2	3265	257/678,684.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:18
S3	241	464/29.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:19
S4	24	boat with (boat near clip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:00
S5	2	boat with (boat near clip) with (tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:27
S6	2	boat with (tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:21

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S7	2	boat with (boat near clip) with (substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:22
S8	3481	boat with (substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/12 09:04
S9	2	(boat near clip) with (substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:22
S10	5	boat with (substrate) with (die near attach\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:28
S11	3	("5695331"   "5843808"   "6206974").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 07:24
S12	4	("5695331"   "5817545"   "5843808"   "6020597").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 07:26
S13	2	(auto near boating) and (die near attach\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 07:26
S14	2	(auto near boating)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 07:26
S15	4286	(tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/12 09:04
S16	60	(tape near substrate) and boat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:28
S17	2	(tape near substrate) same boat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:28
S18	10	boat with (die near attach\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:31
S19	0	S1 and S16	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:31
S20	2	S2 and S16	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:31
S21	0	S3 and S16	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:31

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S22	36	S1 and S15	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:31
S23	0	S22 and boat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:32
S24	68	S2 and S15	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:32
S25	2	S24 and boat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:32
S26	2481	(carrier or boat) with (die or (printed near circuit) or (integrated near circuit) or (tape near substrate)) with (cover or top or (boat near clip) or hous\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:44
S27	1699	(carrier or boat) with (die or (printed near circuit) or (integrated near circuit) or (tape near substrate)) with (cover or top or (boat near clip))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:35
S28	520	(carrier or boat) with (die or (printed near circuit) or (integrated near circuit) or (tape near substrate)) with (cover or top or (boat near clip)) with (coupl\$3 or attach\$3 or bond\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:35
S29	139027	magnetic\$4 with (coupl\$3 or attach\$3 or bond\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:35
S30	41798	magnetic\$4 near (coupl\$3 or attach\$3 or bond\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:36
S31	4	S28 and S30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:37
S32	42	(tape near substrate) with between with metal\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:54
S33	2	S30 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:38
S34	4	(tape near substrate) with prevent\$3 with (coiling or bowing or warping)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:41

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S35	9	(tape near substrate) same (prevent\$3 with (coiling or bowing or warping))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:44
S36	51	(tape near substrate) and (prevent\$3 with (coiling or bowing or warping))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:53
S37	17	S26 and (prevent\$3 with (coiling or bowing or warping))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:52
S38	4	CRUZ-MARK-GERALD-m.in. or CAYABYAB-JERRY-g.in. or DE-LA-ROSA-EDWARD-r.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:51
S39	45	(die near attach\$3) same (tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:52
S40	5	S39 and (prevent\$3 with (coiling or bowing or warping))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:52
S41	51	S15 and (prevent\$3 with (coiling or bowing or warping))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:14
S42	9	S15 same (prevent\$3 with (coiling or bowing or warping))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:53
S43	9	(tape near substrate) with metal\$4 with die	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 07:54
S44	3	S4 and ((die near attach\$3) or (integrated near circuit))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:02
S45	1549	438/118.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:02
S46	29	S45 and S27	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:02
S47	1	S30 and S46	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:03
S48	5	S30 and S45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:11
S49	2	auto near boating	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:12

## EAST Search History

S50	2	(boat with die) same (tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:12
S51	2	(boat) same (tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:13
S52	289	(die) same (tape near substrate) same (coupl\$3 or attach\$3 or bond\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:13
S53	33	((die) same (tape near substrate) same (coupl\$3 or attach\$3 or bond\$3)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:16
S54	0	S53 and sleeve	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:14
S55	0	((die) same (tape near substrate) same (coupl\$3 or attach\$3 or bond\$3) same sleeve).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:14
S56	9	(prevent\$3 with (coiling or bowing or warping)) same (tape near substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:15
S57	1	S53 and S56	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:14
S58	1489	(prevent\$3 with (coiling or bowing or warping)) same (substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:15
S59	1	S53 and S58	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:15
S60	46	((prevent\$3 with (coiling or bowing or warping)) same (substrate)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:16
S61	0	S53 and S60	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:15
S62	15	((prevent\$3 with (coiling or bowing or warping)) same ((printed near circuit) or (integrated near circuit) or substrate)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:16
S63	58	((prevent\$3 with (coiling or bowing or warping)) same ((printed near circuit) or (integrated near circuit) or substrate)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:16
S64	0	S53 and S63	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/11 08:16

## EAST Search History

S65	0	((prevent\$3 with (coiling or bowing or warping)) same ((printed near circuit) or (integrated near circuit) or substrate)).clm.	EPO; JPO	OR	ON	2006/04/11 08:16
S66	265	((prevent\$3 with (coiling or bowing or warping)) same ((printed near circuit) or (integrated near circuit) or substrate))	EPO; JPO	OR	ON	2006/04/12 09:05
S67	11	((die) same (tape near substrate) same (coupl\$3 or attach\$3 or bond\$3))	EPO; JPO	OR	ON	2006/04/11 08:16
S68	0	S66 and S67	EPO; JPO	OR	ON	2006/04/11 08:16

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Salmon, P.C.;

[Quality Electronic Design, 2003. Proceedings. Fourth International Symposium](#)

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IEEE STD IEEE Standard

 2. Amplitude modulated droplet formation in high precision solder droplet f

Qingbin Liu; Leu, M.C.; Orme, M.;

[Advanced Packaging Materials: Processes, Properties and Interfaces, 2001. P International Symposium on](#)

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